

## WIRING PLAN

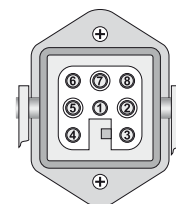
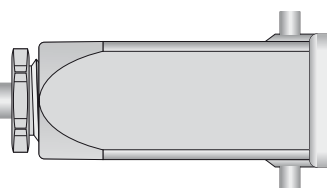


1 - Neutral  
2 - Neutral  
3 - Thermocouple +  
4 - Thermocouple -

5 - Power supply (phase)  
6 - Control output (phase)  
7 - Aux output (phase)  
8 - Not Connected

OPTIONAL :  
Multipolar Connector  
for panel-mounting  
Cod. 0400.70.001

Cable L= 1,5 mt



# ATR902

Plug-in process controller 15 cycles / 18 steps

## Main features

Box	120 x 65 (front panel) x 65 mm
Power supply	24..230Vac/Vdc $\pm 15\%$ 50/60 Hz
Consumption	4W
Display	Display 4 digits 0,56" red + 4 digits 0,4" green + Bargraph
Operating conditions	Temperature 0-45 °C, Humidity 35..95 RH%
Material	Box: ABS; Front panel: polycarbonate
Weight	Approx. 550 gr
Sealing	IP65 (Front panel), IP20 (Box and Terminal bloks)
Accessori	Connector 7poles/female (kiln side), Bracket for panel mounting

## Inputs

1 Configurable	TC K, S, R, J, T, E, N with selection by parameter
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## Outputs

Relay	1 Relay 1A - 250 Vac resistive charge + 1 Relay 1A - 250 Vac alarm / auxiliary
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## Software features

Control algorithms	ON - OFF with hysteresis, P, P.I., P.I.D., P.D. time proportioned
Tuning	Automatic, Automatic predictive
Data protection	Access to parameters by password, Setpoint modification during cycle only if enabled by parameter
Alarm options	Absolute / Threshold, band, High / Low deviation, timed auxiliary programmable on single steps
Hold function	Hold current setpoint value, with Start / Stop by keyboard
Waiting function	Special function to compensate differences SPV / PV in case of overloaded system or system inertias
Cycle recovery function	Resume the cycle after unexpected power failure
Setpoint controller mode	Regulation on a fixed setpoint (function might be enabled by general menu or during a cycle in progress)
Delayed start	cycle start delayed (function might be enabled by parameter)

## Ordering codes

ATR902-12ABC	1 Analogue input + 2 Relays 1A - 230Vac/Vdc
0400.70.001	Harting connector 8P (optional)
1300.20.043	Wall mounting support